Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
Data File : BF132897.D
Acq On : 18 Apr 2023 12:12
Operator : CG\JU
Sample : PB152144BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 18 12:56:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152144BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	311953	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	1280618	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	658739	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	1141316	20.000	ng		0.00
76) Chrysene-d12	13.927	240	736065	20.000	ng		0.00
86) Perylene-d12	15.351	264	794452	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2121106	106.321	ng		0.02
7) Phenol-d6	6.398	99	2727088	107.125	ng		0.00
23) Nitrobenzene-d5	7.334	82	1702008	69.277	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	704685	106.654	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	2859702	66.690	ng		0.00
79) Terphenyl-d14	12.874	244	3025621	70.129	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	410788	42.198	ng		100
3) Pyridine	3.251	79	1017119	38.203	ng		99
4) n-Nitrosodimethylamine	3.210	42	545026	43.084	ng		98
6) Aniline	6.428	93	1267031	37.530	ng		99
8) 2-Chlorophenol	6.551	128	927217	45.813	ng		98
9) Benzaldehyde	6.310	77	564844	37.500	ng		98
10) Phenol	6.416	94	1283566	44.843	ng		92
11) bis(2-Chloroethyl)ether	6.504	93	955420	44.197	ng		98
12) 1,3-Dichlorobenzene	6.710	146	993178	44.645	ng		98
13) 1,4-Dichlorobenzene	6.781	146	1003702	45.028	ng		98
14) 1,2-Dichlorobenzene	6.939	146	935503	44.949	ng		99
15) Benzyl Alcohol	6.910	79	817744	46.871	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.045	45	1709524	45.703	ng		99
17) 2-Methylphenol	7.022	107	811542	43.778	ng		99
18) Hexachloroethane	7.281	117	355720	45.983	ng		96
19) n-Nitroso-di-n-propyla...	7.186	70	712468	44.837	ng		96
20) 3+4-Methylphenols	7.175	107	948494	43.290	ng		96
22) Acetophenone	7.181	105	1291194	42.980	ng	#	98
24) Nitrobenzene	7.351	77	1046209	41.546	ng		99
25) Isophorone	7.592	82	2004730	43.018	ng		99
26) 2-Nitrophenol	7.669	139	468678	49.336	ng		98
27) 2,4-Dimethylphenol	7.710	122	878292	45.323	ng		99
28) bis(2-Chloroethoxy)met...	7.804	93	1195646	42.912	ng		100
29) 2,4-Dichlorophenol	7.910	162	792815	43.955	ng		99
30) 1,2,4-Trichlorobenzene	7.992	180	841530	43.210	ng		98
31) Naphthalene	8.075	128	2683380	41.465	ng		100
32) Benzoic acid	7.833	122	491407	50.569	ng		97
33) 4-Chloroaniline	8.116	127	371204	14.005	ng		99
34) Hexachlorobutadiene	8.192	225	471836	42.349	ng		99
35) Caprolactam	8.498	113	257830m	48.001	ng		
36) 4-Chloro-3-methylphenol	8.604	107	843388	44.549	ng		96
37) 2-Methylnaphthalene	8.763	142	1798173	40.370	ng		100
38) 1-Methylnaphthalene	8.863	142	1767071	42.576	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	764876	41.051	ng		99
41) Hexachlorocyclopentadiene	8.922	237	1046506	106.562	ng		99
43) 2,4,6-Trichlorophenol	9.039	196	527835	44.690	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	564790	40.894	ng	96
46) 1,1'-Biphenyl	9.233	154	2193364	42.002	ng	99
47) 2-Chloronaphthalene	9.257	162	1645670	42.585	ng	99
48) 2-Nitroaniline	9.345	65	513082	45.895	ng	98
49) Acenaphthylene	9.669	152	2530279	41.052	ng	99
50) Dimethylphthalate	9.533	163	1915745	42.065	ng	99
51) 2,6-Dinitrotoluene	9.592	165	440433	44.108	ng	96
52) Acenaphthene	9.839	154	1774233	44.671	ng	99
53) 3-Nitroaniline	9.757	138	318821	28.059	ng	93
54) 2,4-Dinitrophenol	9.863	184	391873	100.745	ng	95
55) Dibenzofuran	10.016	168	2282003	40.496	ng	98
56) 4-Nitrophenol	9.916	139	775614	91.891	ng	91
57) 2,4-Dinitrotoluene	9.992	165	578696	46.958	ng	98
58) Fluorene	10.357	166	1651813	40.016	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	471912	44.026	ng	99
60) Diethylphthalate	10.233	149	1795382	42.187	ng	100
61) 4-Chlorophenyl-phenyle...	10.351	204	852246	40.591	ng	99
62) 4-Nitroaniline	10.374	138	466625	42.726	ng	96
63) Azobenzene	10.510	77	1931714	40.635	ng	100
65) 4,6-Dinitro-2-methylph...	10.398	198	259137	47.410	ng	96
66) n-Nitrosodiphenylamine	10.469	169	1541356	41.467	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	542091	41.595	ng	98
68) Hexachlorobenzene	10.904	284	597547	44.194	ng	98
69) Atrazine	10.998	200	497063	47.843	ng	98
70) Pentachlorophenol	11.092	266	695736	79.740	ng	100
71) Phenanthrene	11.316	178	2479644	40.391	ng	99
72) Anthracene	11.369	178	2534324	40.327	ng	99
73) Carbazole	11.516	167	2298306	42.267	ng	100
74) Di-n-butylphthalate	11.857	149	2648487	45.435	ng	100
75) Fluoranthene	12.498	202	2495355	40.875	ng	100
77) Benzidine	12.621	184	1128600	98.429	ng	99
78) Pyrene	12.727	202	2509097	41.688	ng	99
80) Butylbenzylphthalate	13.351	149	679152	46.892	ng	97
81) Benzo(a)anthracene	13.915	228	2140971	42.770	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	375676	31.025	ng	97
83) Chrysene	13.951	228	2074459	41.694	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	1029234	54.061	ng	99
85) Di-n-octyl phthalate	14.527	149	1993647	48.154	ng	97
87) Indeno(1,2,3-cd)pyrene	16.756	276	2046826	45.089	ng	99
88) Benzo(b)fluoranthene	14.945	252	2092265	42.279	ng	100
89) Benzo(k)fluoranthene	14.974	252	2118234	42.969	ng	99
90) Benzo(a)pyrene	15.298	252	1831576	40.512	ng	100
91) Dibenzo(a,h)anthracene	16.774	278	1737907	44.931	ng	98
92) Benzo(g,h,i)perylene	17.180	276	1617371	43.672	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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